MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

JUNE, 1939

J. A. BROWN, DIRECTOR

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WEATHER BUREAU

JUNE 1939

METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	59.8	59.7	58.7	59.4	27.8	20.6	24.4	25.8	21.6	23.9
2	4.3	1.3	4.2	3.3	32.8	21.1	25.5	30.2	25.5	27.7
3	6.7	6.3	5.6	6.2	26.8	15.6	24.4	26.1	21.1	23.9
4	5.6	4.9	5.7	5.4	25.8	15.6	15.8	25.5	20.0	20.5
5	6.6	6.4	7.2	6.7	26.9	18.4	22.2	26.6	20.5	23.1
6	58.3	59.0	59.3	58.9	27.3	18.6	24.4	26.6	21.1	24.0
7	60.2	61.2	61.6	61.0	27.9	17.9	23.8	27.3	21.1	24.1
8	0.8	0.2	58.7	59.9	28.3	20.7	24.4	27.2	22.2	24.6
9	58.0	58.8	60.0	8.9	28.5	18.9	24.9	27.4	21.9	24.7
10	60.3	60.1	0.8	60.4	27.8	18.9	24.4	26.8	21.6	24.3
11	61.1	60.9	61.1	61.0	27.2	19.3	24.4	26.7	21.6	24.2
12	0.9	0.4	0.5	0.6	27.2	20.6	24.7	26.3	22.2	24.4
13	59.5	58.9	58.6	59.0	28.2	19.6	24.9	26.8	21.9	24.5
14	8.2	7.6	7.8	7.9	29.6	20.6	24.9	28.3	22 9	24.4
15	7.2	7.0	7.0	7.1	29.5	20.6	25.5	28.5	23.8	25.9
16	57.0	56.9	57.4	57.1	29.4	21.7	26.1	28.8	23.3	26.1
17	7.9	8.7	8.4	8.3	28.6	19.7	24.9	26.7	22.7	24.8
18	8.4	8.2	8.0	8.2	28.2	21.1	24.9	27.3	22.2	24.8
19	6.3	60.0	6.3	7.5	29.3	22.2	26.1	28.8	23.9	26.3
20	7.9	57.2	7.4	7.5	29.4	22.1	26.1	28.8	23.3	26.1
21	56 8	56.4	56.1	56.4	29.4	21.7	26.6	29.1	23.3	26.3
22	5.7	5.5	5.7	5.6	29.4	21.6	27.1	28.6	23.6	26.3
23	4.9	5.2	5.4	5.2	29.7	20.3	25.9	28.8	23.8	26.1
24	6.0	6.6	7.4	6.7	29.8	21.2	26.3	29.2	24.6	26.4
25	8.2	8.4	8.5	8.3	30.6	22.8	26.1	29.4	24.9	26.7
26	58.6	57.8	57.1	57.8	31.7	22.8	28.0	31.1	24.0	28.0
27	5.3	3.3	4.1	4.2	30.8	21.8	27.6	30.5	29.4	27.4
28	4.7	3.5	5.4	4.5	31.5	22.0	27.3	31.1	24.3	27.6
29	6.4	6.7	4.1	5.7	32.4	22.8	28.8	31.3	23.3	28.1
30	6.6	6.3	6.4	6.4	33.2	24.2	28.3	31.4	26.1	28 6
	757.61	757.45	754.13	757.50	29.17	20.50	25.29	28 23	23.63	25.46

Barometer, range for month 751.3 mm.–761.6 mm.
,, 62-yr. average for month 758.02 mm.
Thermometer, range for month 15.6° C.—38.2° C.
,, 62-yr. average for month 25.5° C.
Rain, total for month 4.0 mm.
,, , 62-yr. average for month 3.56 mm.
,, , total, from Sept. 1st 1028.3 mm.
55-yr. average, Sept. 1st 902.6 mm.

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METEOROLOGICAL REGISTER

Date	Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Wind per day	Rain mm.
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		Kms.	
1	14.2	15.7	16.0	15.3	63	62	83	70	8.3	270.0	
2	15.3	18.1	14.5	16.0	63	57	60	60	1.7	646.0	
3	14.2	13.7	13.7	13.9	63	54	74	64	11.4	406.0	
4	12.9	15.3	13.7	14.0	97	67	78	81	4.4	398.0	3.8
5	14.7	15.7	15.6	15.3	74	59	87	73	7.3	300.5	0.2
6	14.2	15.5	17.5	15.7	63	60	94	72	12.6	196.5	
7	14.5	15.4	14.1	14.7	66	57	75	66	12.7	190.0	
8	15.6	15.2	16.6	15.8	69	56	84	70	13.3	298.0	
9	16.7	15.5	13.2	15.1	71	57	67	65	11.4	261.0	
10	14.0	14.0	13.3	13.8	62	53	69	61	13.1	244.0	
11	14.2	14.6	14.2	14.3	63	56	74	64	8.9	209.0	
12	15.0	14.9	14.7	14.9	65	58	74	66	12.6	225.5	
13	15.7	16.4	15.4	15.8	67	62	78	69	13.5	169.0	
14	17.7	18.4	18.2	18.1	75	64	88	76	13.5	154.0	
15	17.8	18.4	14.5	16.9	73	63	66	67	12.8	361.0	
16	17.9	13.5	17.9	16.4	71	46	84	67	13.0	350.0	
17	14.3	14.6	14.4	14.4	61	56	71	63	11.2	250.0	
18	13.9	15.2	16.1	15.1	60	56	81	66	12.1	175.0	
19	18.4	13.9	18.6	17.0	73	46	84	68	12.6	300.0	
20	15.9	16.5	15.8	16.1	63	56	75	65	12.2	350.0	
21	16.5	17.3	16.7	16.8	63	57	79	66	11.0	550.0	
22	17.0	16.7	16.7	16.8	64	57	79	67	12.6	477.0	
23	16.7	17.8	16.8	17.1	67	60	78	68	12.9	224.8	
24	16.8	17.4	17.5	17.2	65	58	79	67	13.3	170.0	
25	18.6	18.7	19.0	18.8	73	62	83	73	12.2	202.0	
26	20.2	19.7	19.3	19.7	72	58	81	70	12.2	202.0	
27	20.0	20.7	20.6	20.4	74	63	93	77	12.9	192.0	
28	18.6	20.8	17.2	18.9	69	62	76	69	13.3	140.0	
29	19.0	18.4	17.2	18.2	64	54	76	65	13.3	100.0	
30	21.7	18.6	18.7	19.7	76	54	85	72	13.3	395.0	
	16.41	16.55	16.26	16.41	68.3	57.7	76.2	68.2	11.52	280.21	0.13

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
62-year averages are for period, 1875-1936

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METEOROLOGICAL REGISTER

	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	8cu	8cu	10ci	8.7	2w	3w	2w	slight	
2	10cuci	10ci	10ci	10.0	4n	3ne	6n	„	
3	3cu	2ci	4cu	3.0	4sw	4sw	2sw	mod.	
4	10ni	4cu	4cu	6.0	3se	4sw	2sw	slight	thunderstorms a.m.
5	10cu	8cu	0	6.0	4sw	3sw	1sw	„	
6	2cu	3cu	1cu	2.0	3sw	3w	0	„	
7	0	4cu	0	1.3	3s	3s	1s	calm	
8	3cu	0	0	1.0	2n	3n	3n	slight	
9	2ci	4cu	3cu	3.0	2w	3w	3w	„	
10	3cu	3cu	3cu	3.0	2sw	3nw	2w	„	
11	3cu	10cu	2cu	5.0	3sw	3w	1w	slight	
12	2cu	0	7cu	3.0	2sw	2n	1n	calm	
13	0	0	0	0.0	2n	3w	2w	„	
14	0	0	0	0.0	2sw	2w	0	„	
15	0	0	0	0.0	2sw	3w	2w	„	
16	2cu	0	0	0.7	3sw	3sw	2sw	slight	
17	2cu	10cu	10ci	7.3	3w	3w	2w	mod.	
18	2cu	0	0	0.7	2w	2w	1w	slight	
19	0	0	0	0.0	2s	2w	1w	calm	
20	1cu	0	0	0.3	4s	3s	3s	mod.	
21	2cu	2cu	1cu	1.7	4sw	5sw	4sw	„	
22	1cu	3cu	0	1.3	4w	4w	3w	slight	
23	0	0	0	0.0	3s	3s	1s	„	
24	0	0	0	0.0	3s	2sw	1sw	calm	
25	0	0	0	0.0	2nw	2nw	2nw	slight	
26	0	0	0	0.0	2nw	2nw	2nw	„	
27	2ci	2ci	0	1.3	4sw	2w	1w	calm	
28	0	0	0	0.0	3sw	2w	0	„	
29	0	0	0	0.0	0	2sw	0	„	
30	0	0	0	0.0	2nw	2w	5w	„	
					81	84	56		
				2.18	2·7	2·8	1·9		

9 9 5

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Total
8:30	3	0	0	1	5	12	5	3	1	30
14:30	2	1	0	0	3	7	14	3	0	30
20:30	3	0	0	0	3	6	12	2	4	30
Totals	8	1	0	1	11	25	31	8	5	90

Number of days with rain 2, fog 0, thunderstorms 1, gale 0.

62-yr. average number of days with rain during month 0.8